

## Barlog Plastics KEBAFORM C 901 VT POM Copolymer unreinforced, antistatic

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Unreinforced

### Material Notes:

POM Information provided by BARLOG plastics GmbH.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Barlog-Plastics-KEBAFORM-C-901-VT-POM-Copolymer-unreinforced-antistatic.php](http://www.lookpolymers.com/polymer_Barlog-Plastics-KEBAFORM-C-901-VT-POM-Copolymer-unreinforced-antistatic.php)

| Physical Properties                | Metric   | English  | Comments               |
|------------------------------------|--|--|------------------------|
| Density                            | 1.41 g/cc  | 0.0509 lb/in <sup>3</sup>                            | ISO 1183               |
| Moisture Absorption at Equilibrium | 0.20 %   | 0.20 %   | similar to ISO 62 test |
| Linear Mold Shrinkage, Flow        | 0.020 cm/cm  | 0.020 in/in  | ISO 294-4              |
| Linear Mold Shrinkage, Transverse  | 0.020 cm/cm  | 0.020 in/in  | ISO 294-4              |
| Melt Flow                          | 9.0 g/10 min<br>@Load 2.16 kg,<br>Temperature 190 °C | 9.0 g/10 min<br>@Load 4.76 lb,<br>Temperature 374 °F | ISO 1133               |

| Mechanical Properties   | Metric                  | English                    | Comments    |
|-------------------------|-------------------------|----------------------------|-------------|
| Tensile Strength, Yield | 60.0 MPa                | 8700 psi                   | ISO 527-1   |
| Elongation at Yield     | 8.0 %                   | 8.0 %                      | ISO 527-1   |
| Tensile Modulus         | 2.80 GPa                | 406 ksi                    | ISO 527-1   |
| Charpy Impact, Notched  | 0.600 J/cm <sup>2</sup> | 2.86 ft-lb/in <sup>2</sup> | ISO 179-1eA |

| Thermal Properties                          | Metric | English | Comments                 |
|---|--------|---------|--------------------------|
| Melting Point                               | 166 °C | 331 °F  | 10°C/min; ISO 11357-1/-3 |
| Deflection Temperature at 1.8 MPa (264 psi) | 110 °C | 230 °F  | ISO 75-1/-2              |

| Electrical Properties | Metric          | English         | Comments  |
|-----------------------|-----------------|-----------------|-----------|
| Volume Resistivity    | 1.00e+12 ohm-cm | 1.00e+12 ohm-cm | IEC 60093 |
| Surface Resistance    | 1.00e+12 ohm    | 1.00e+12 ohm    | IEC 60093 |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Resin Type             | POM   |          |

## **Contact Songhan Plastic Technology Co.,Ltd.**

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